

Patent Claims

1. Component of a flow machine, in particular a gas turbine, which has cooling channels (4) for a cooling medium and also at least one inspection aperture (5) through which an inspection of the interior of the component is made possible,

wherein

the inspection aperture (5) is arranged and dimensioned such that it forms a dust discharge aperture for dust or dirt particles contained in the cooling medium.

2. Component according to claim 1, wherein the inspection aperture (5) is dimensioned such that it makes possible the introduction of a borescope.

3. Component according to claim 1 or 2, wherein it is constituted as a rotating blade for a turbine, the inspection aperture (5) being arranged in the neighborhood of the blade tip.

4. Component according to claim 3, wherein the inspection aperture (5) runs approximately parallel to the machine axis.

5. Component according to claim 3, wherein the inspection aperture (5) is arranged at the blade tip and runs in a radial direction.

6. Process for the inspection and/or cleaning of the interior of a component, embodied according to patent claim 1, of a flow machine, in particular a gas turbine,

wherein

an inspection and/or cleaning tool is introduced through the inspection or dust discharge aperture, and an inspection and/or cleaning of the interior of the component is carried out with the inspection and/or cleaning tool.

7. Process according to claim 6, wherein a borescope is used as the inspection tool.